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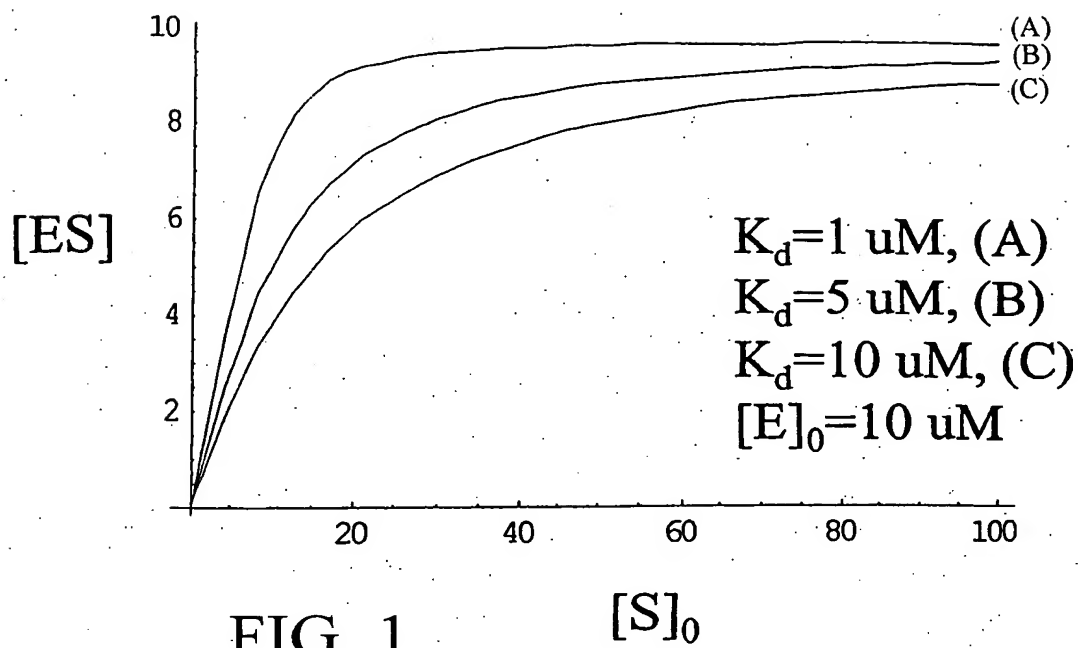


FIG. 1

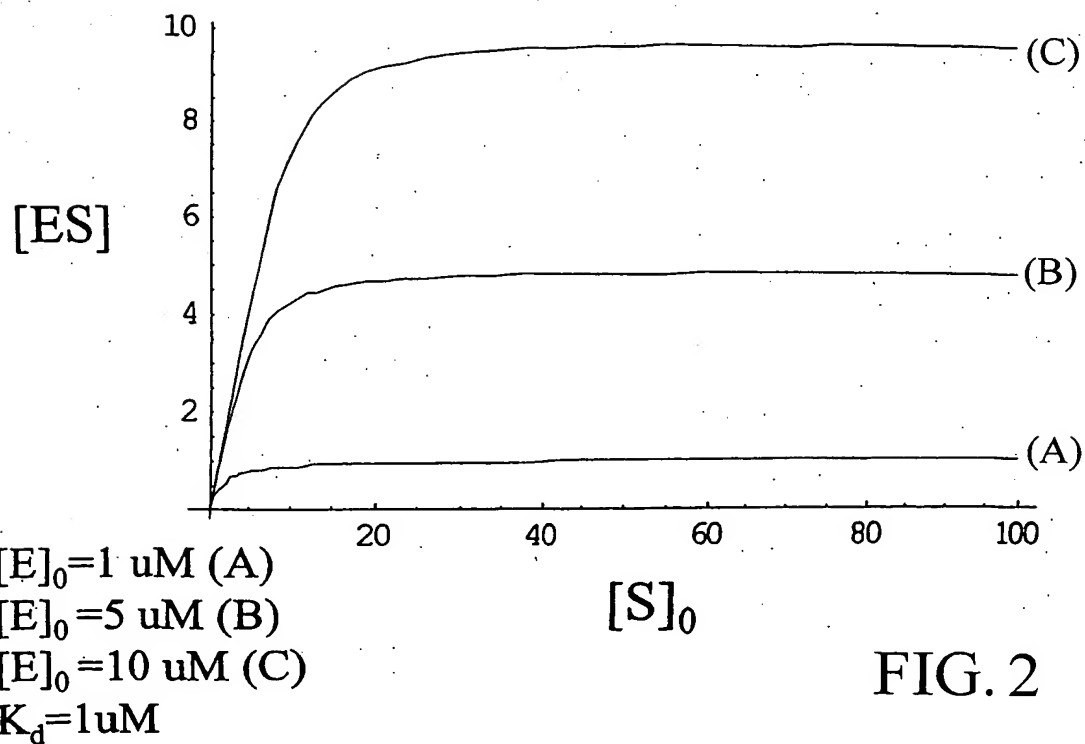


FIG. 2

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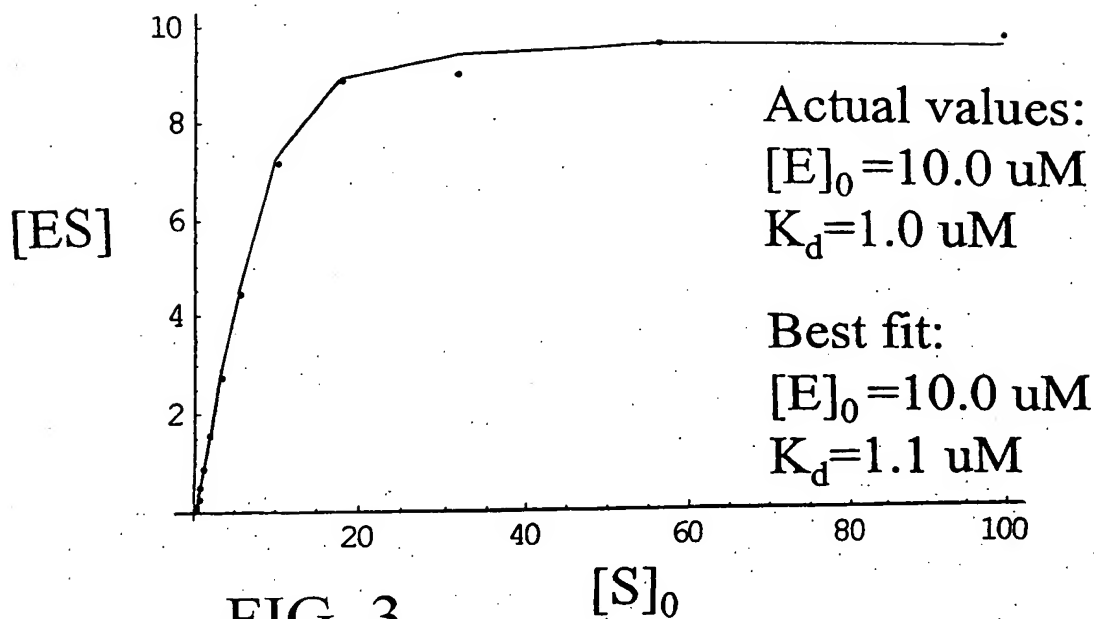


FIG. 3

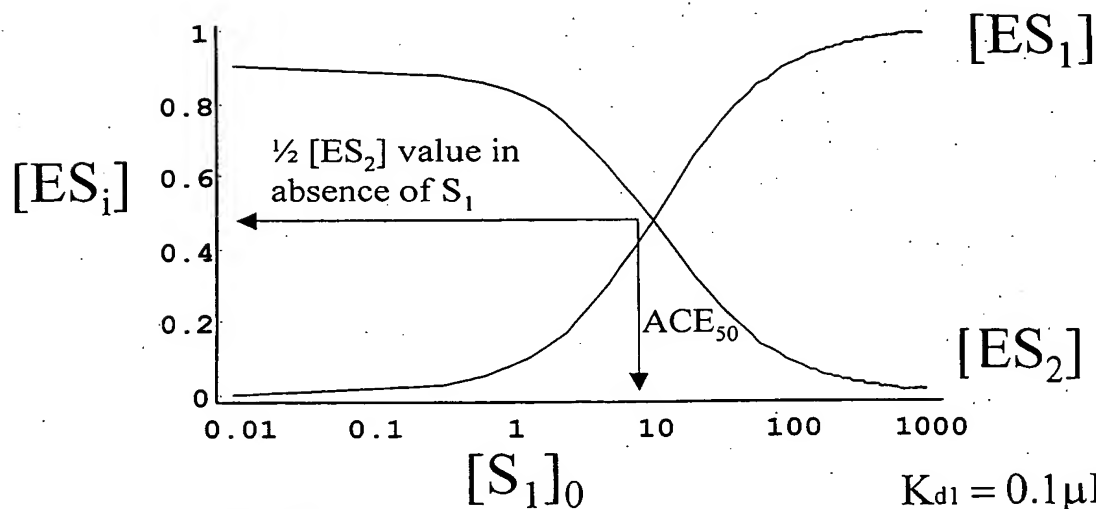


FIG. 4

$$K_{d1} = 0.1 \mu\text{M}$$

$$K_{d2} = 1.0$$

$$[S_1] = \text{variable}$$

$$[S_2]_0 = 10$$

$$[E]_0 = 1$$

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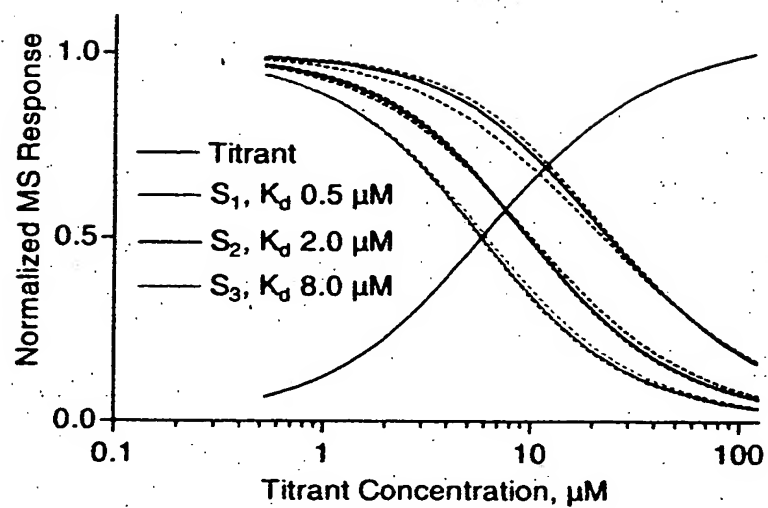


FIG. 5A

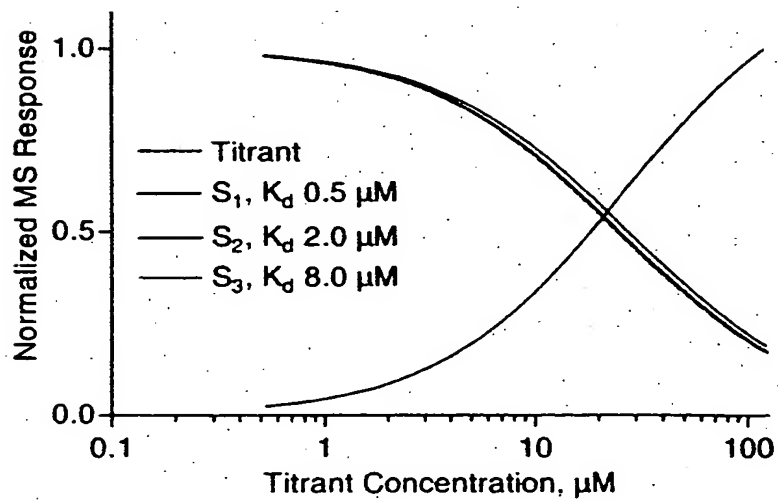


FIG. 5B

[illegible]

FIG. 6A

FIG. 6B

FIG. 6C

FIG 6

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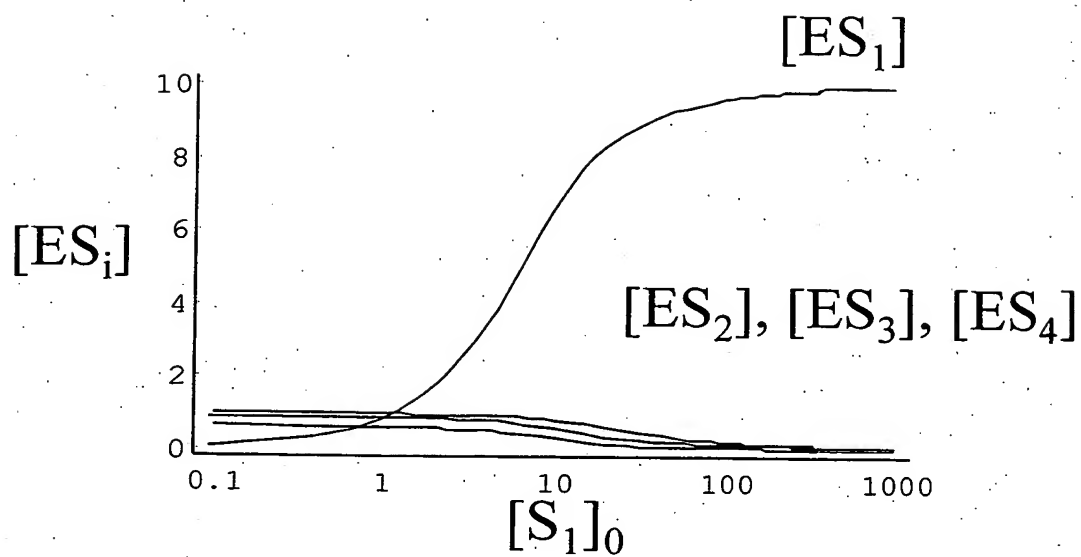


FIG. 7

$$K_{d1} = 1 \mu\text{M}$$

$$K_{d2} = 0.5$$

$$K_{d3} = 2$$

$$K_{d4} = 5$$

$$[S_1] = \text{variable}$$

$$[S_2]_0 = [S_3]_0 = [S_4]_0 = 1$$

$$[E]_0 = 10$$

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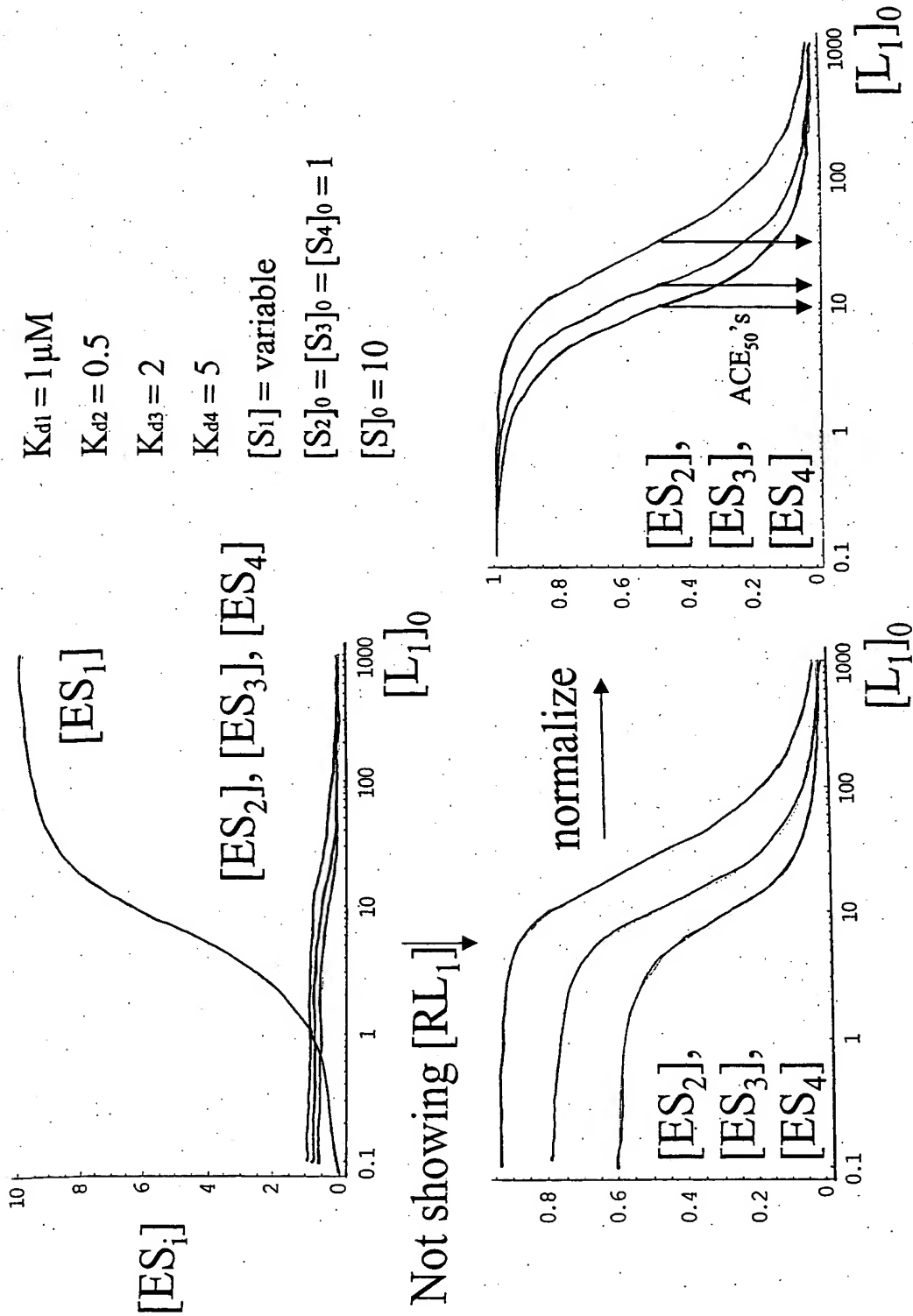


FIG. 8



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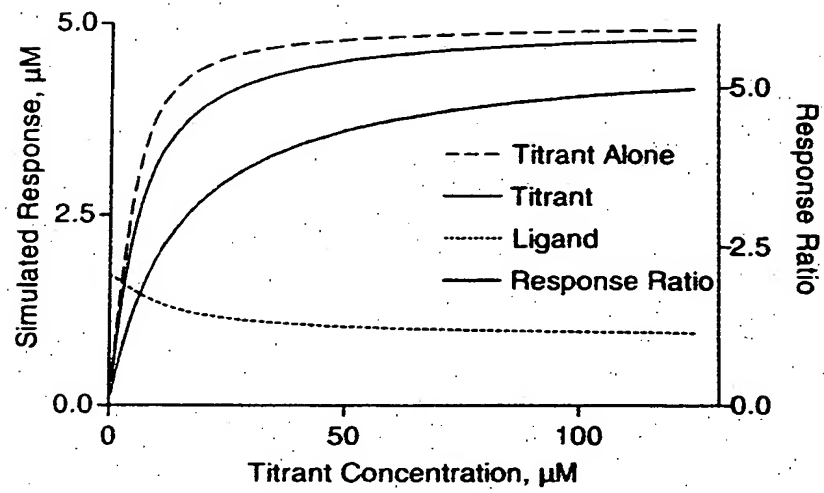


FIG. 9

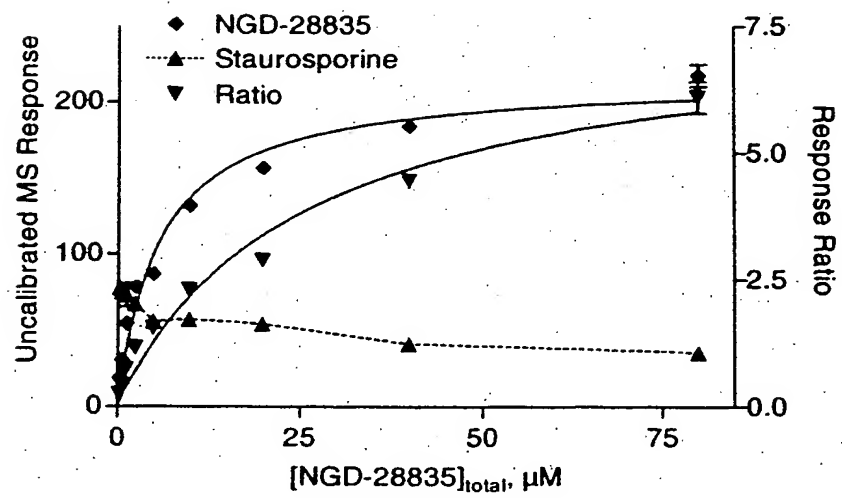


FIG. 10

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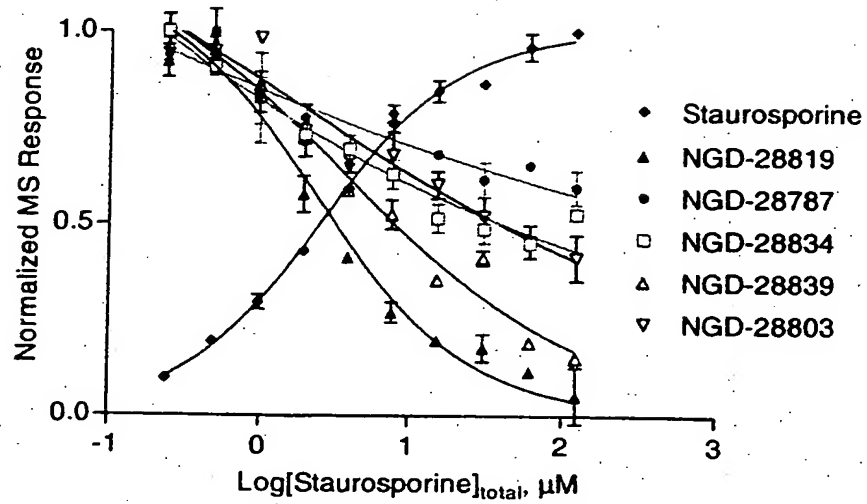


FIG. 11A

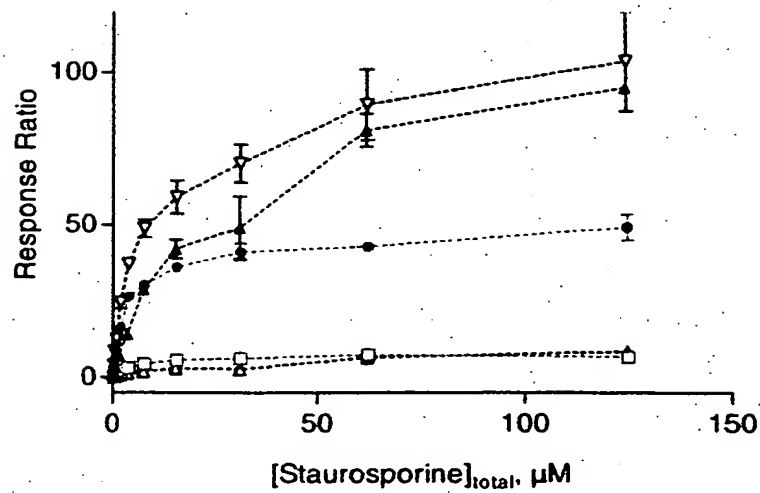


FIG. 11B

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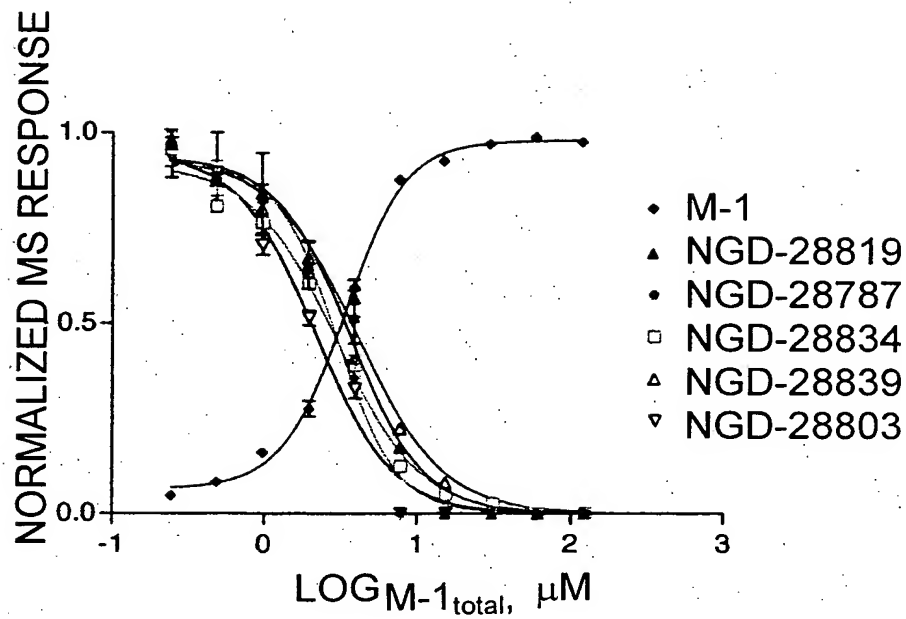


FIG. 11C

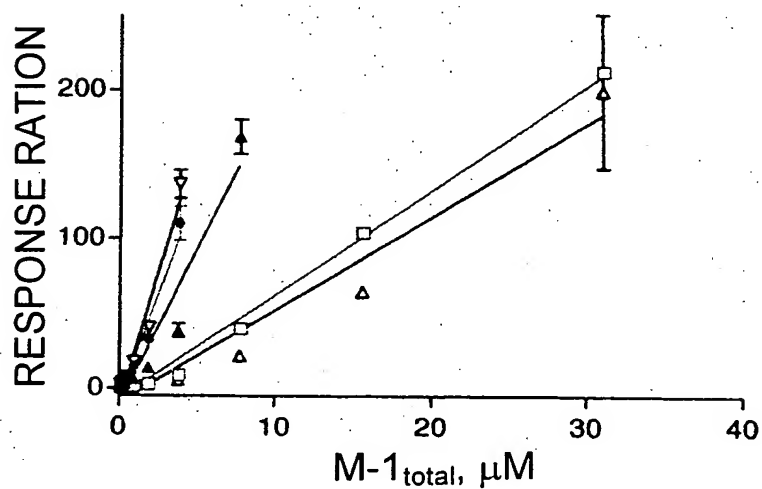


FIG. 11D

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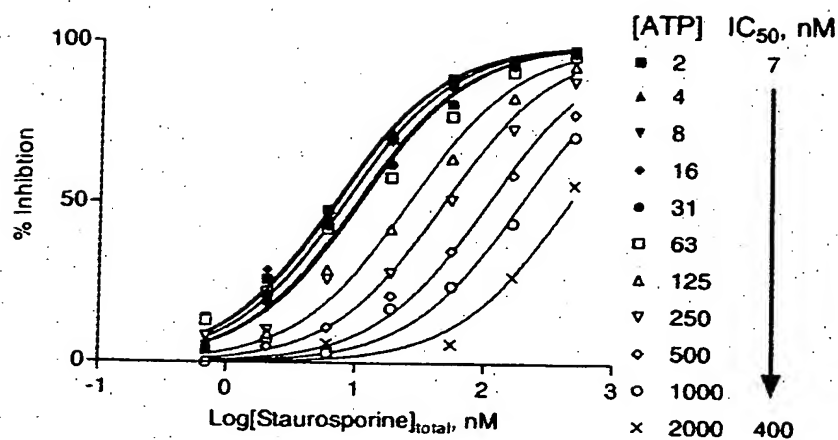


FIG. 12A

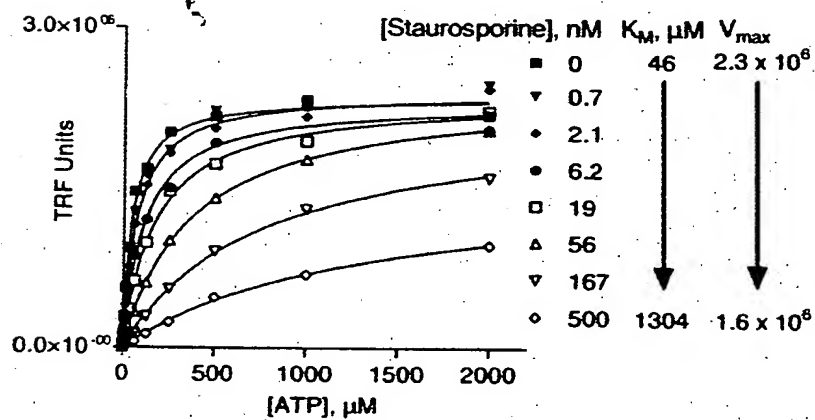


FIG. 12B

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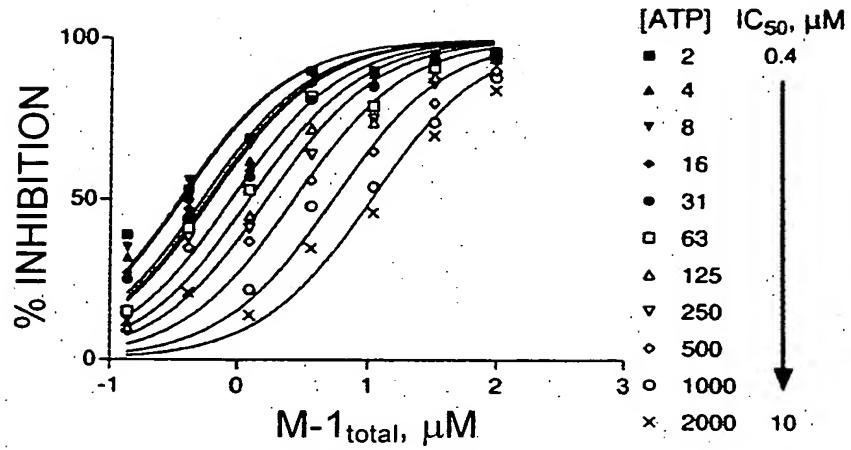


FIG. 12C

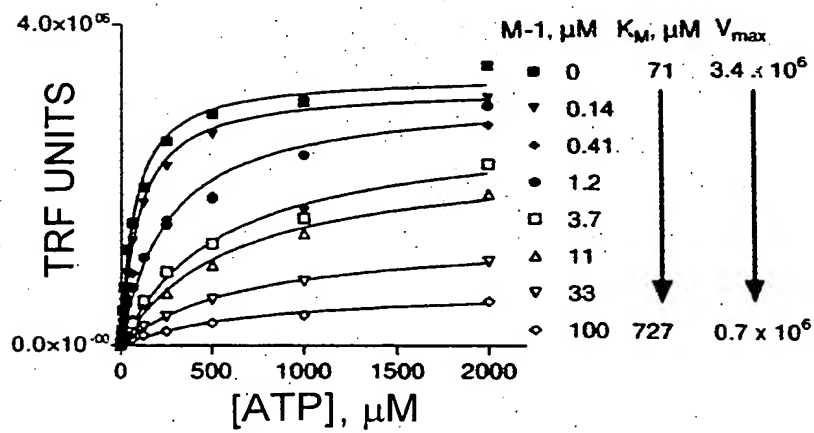


FIG. 12D

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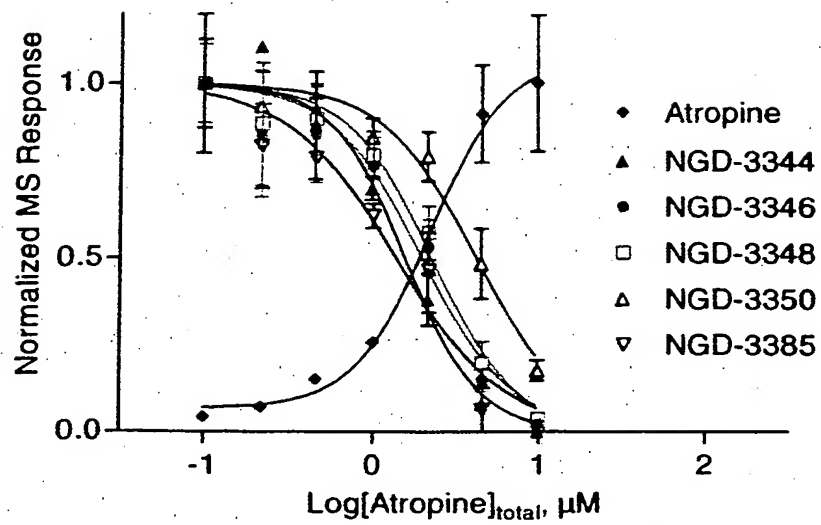


FIG. 13A

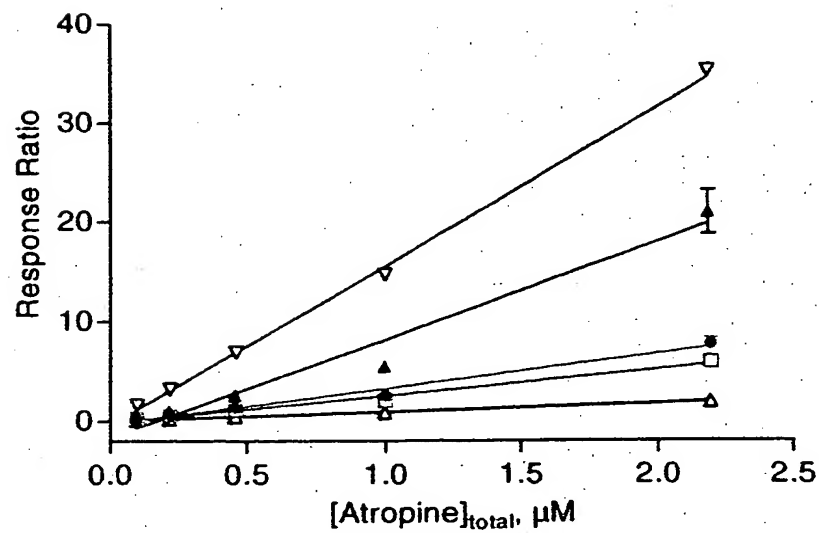


FIG. 13B

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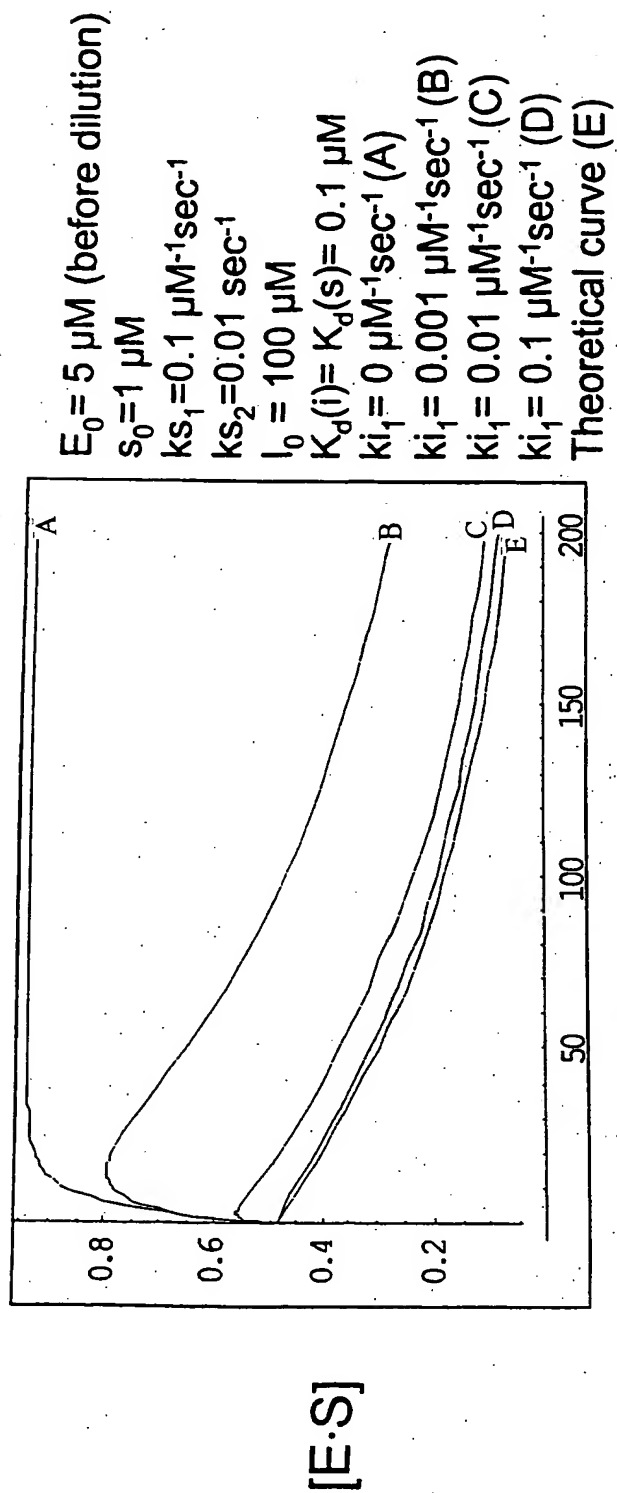


FIG. 14

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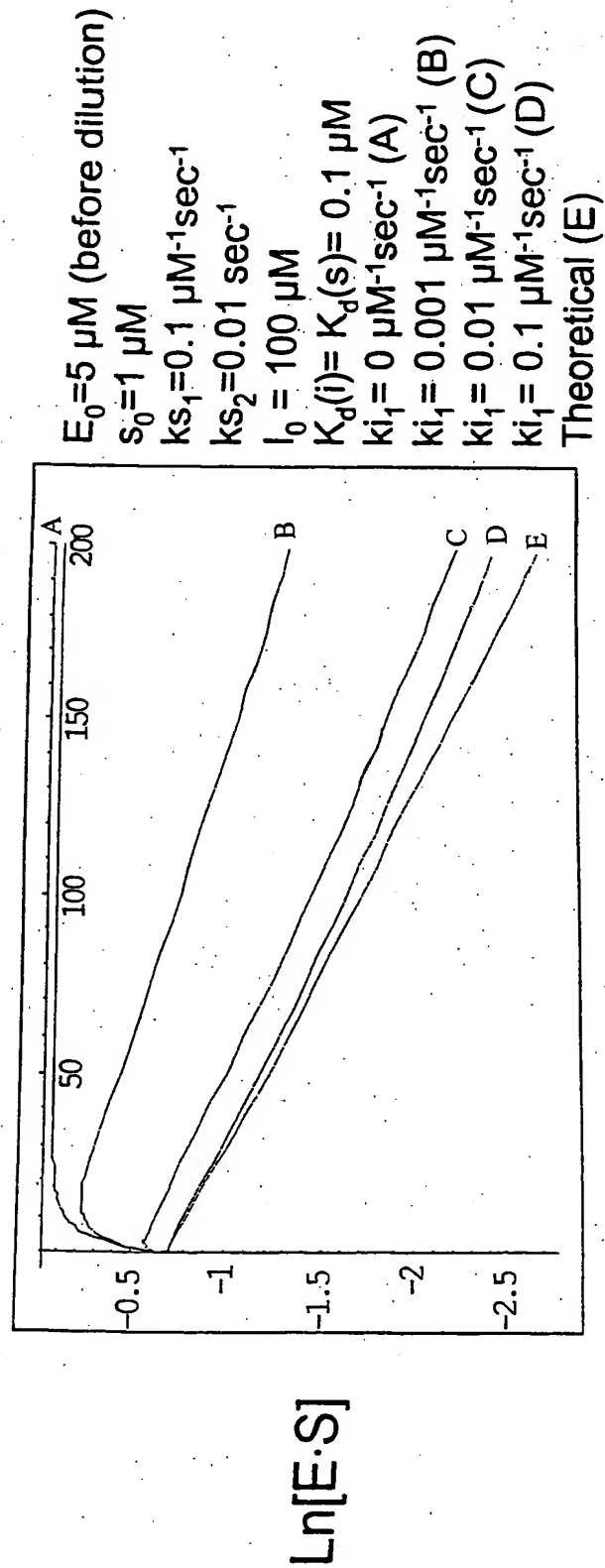


FIG. 15



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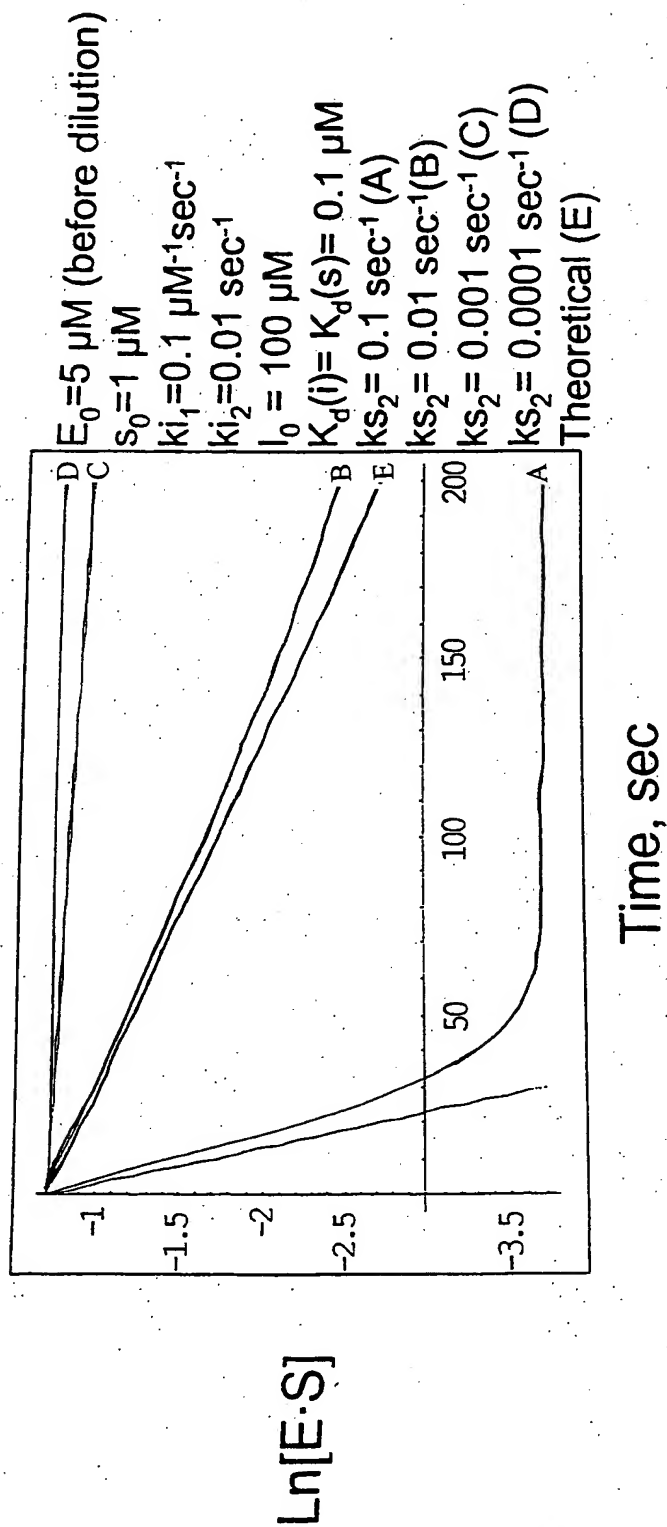
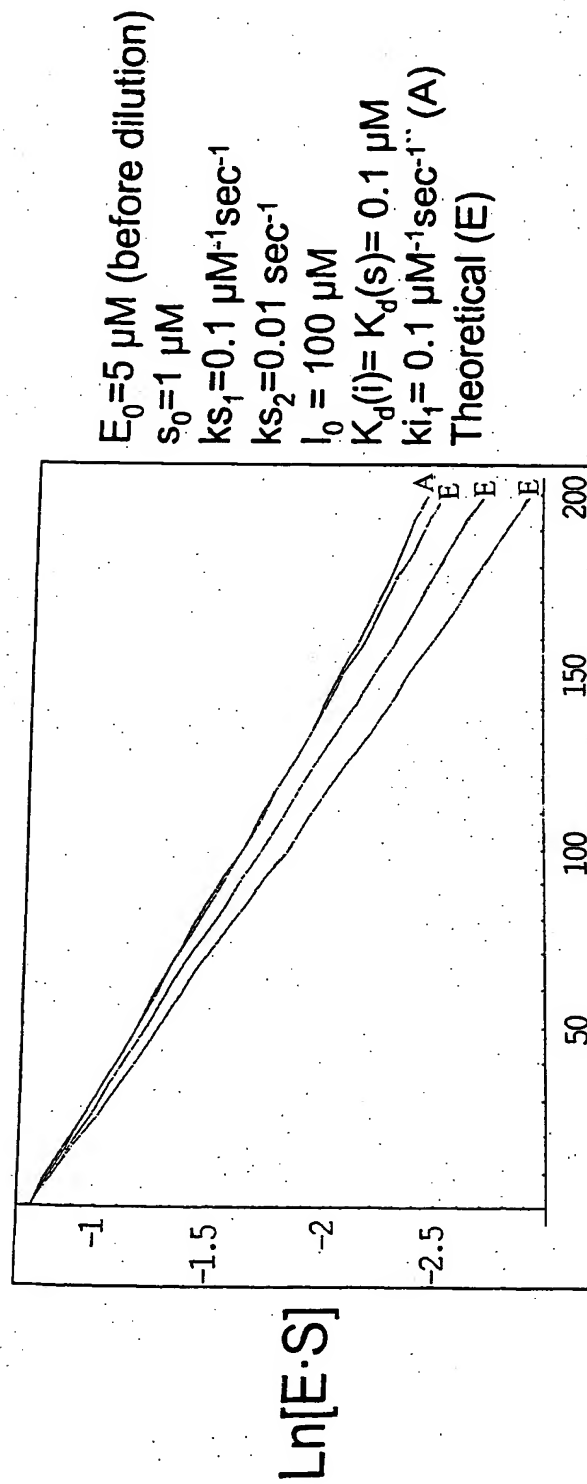


FIG. 16

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Time, sec

FIG. 17

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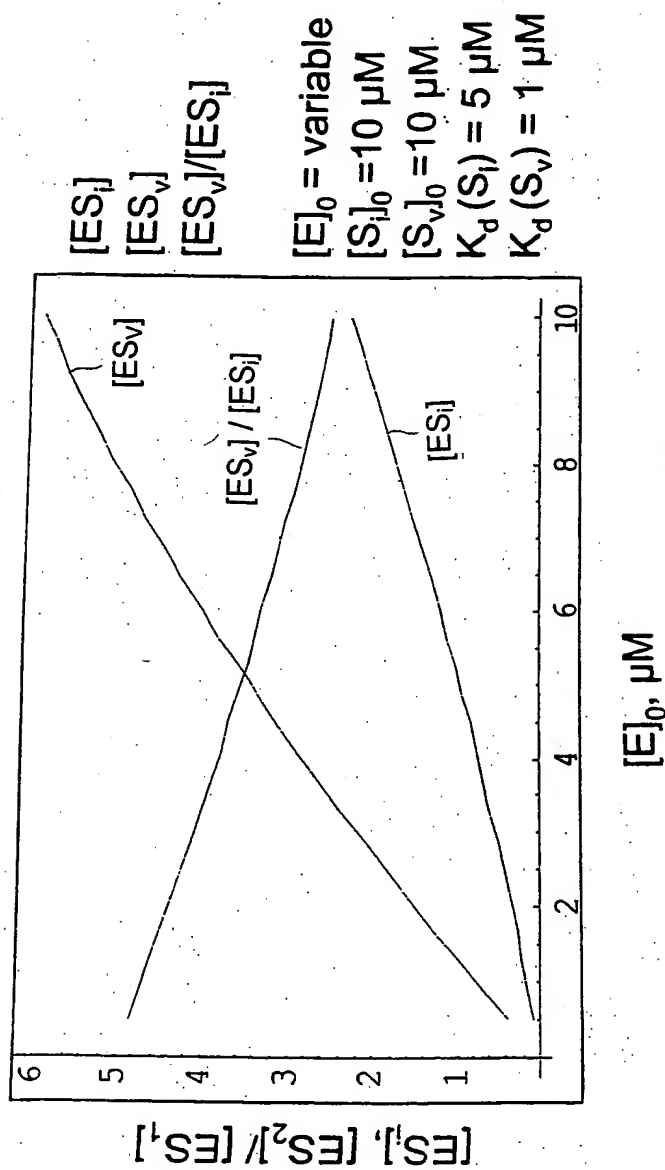


FIG. 18

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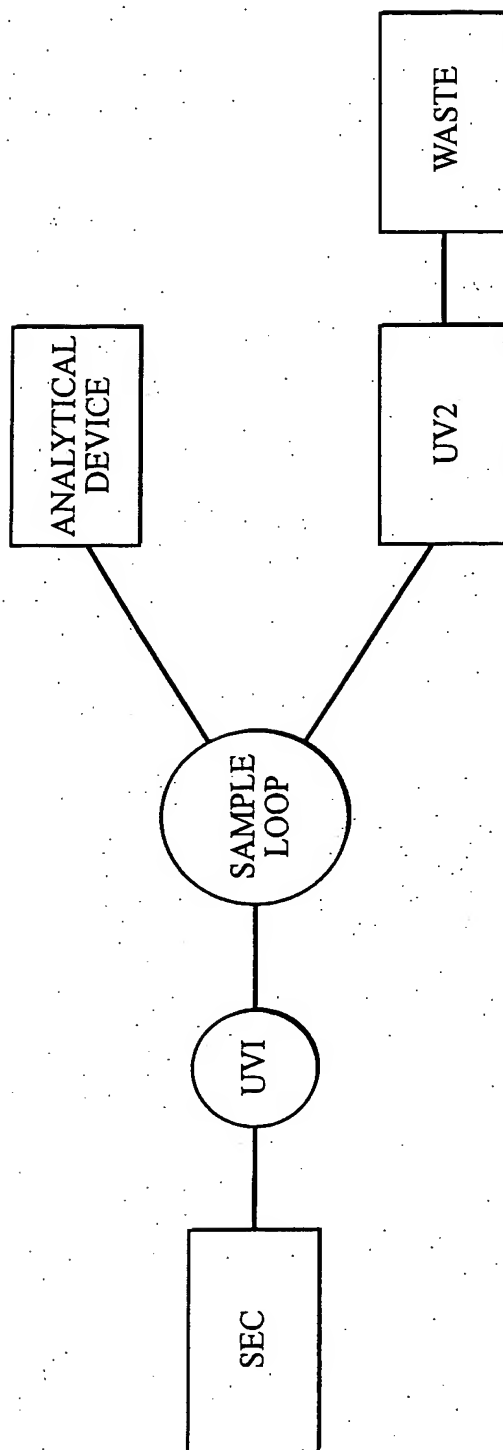


FIG. 19

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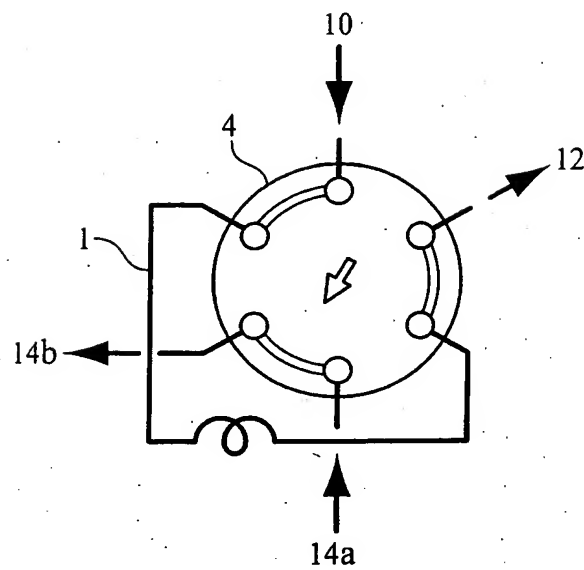


FIG. 20A

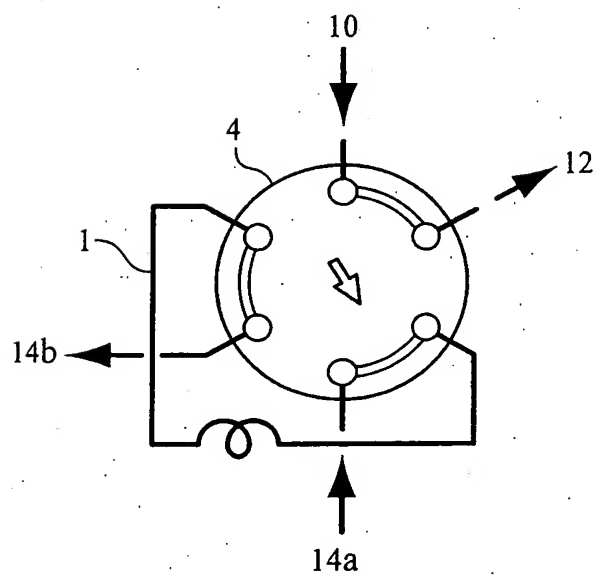


FIG. 20B

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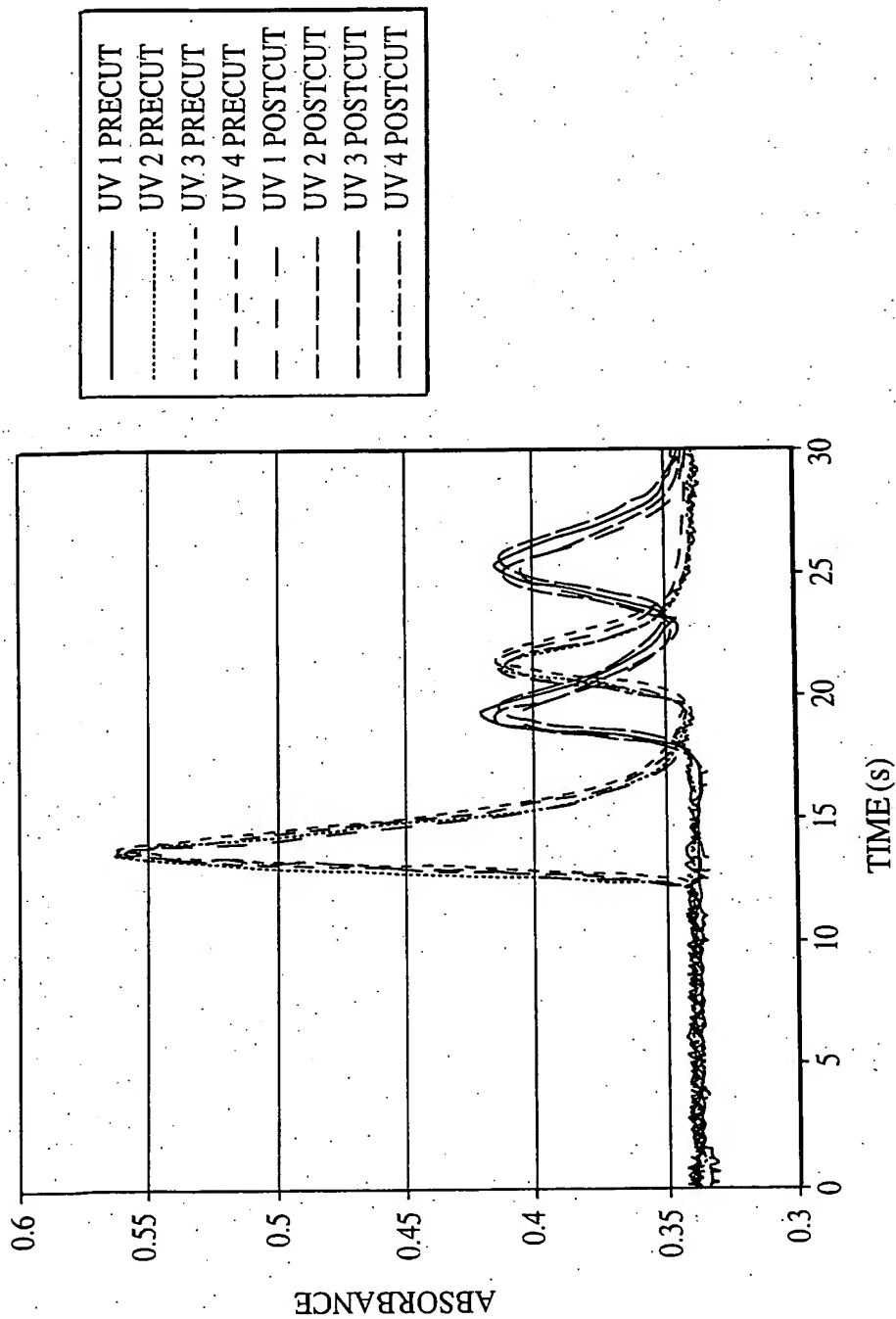


FIG. 21

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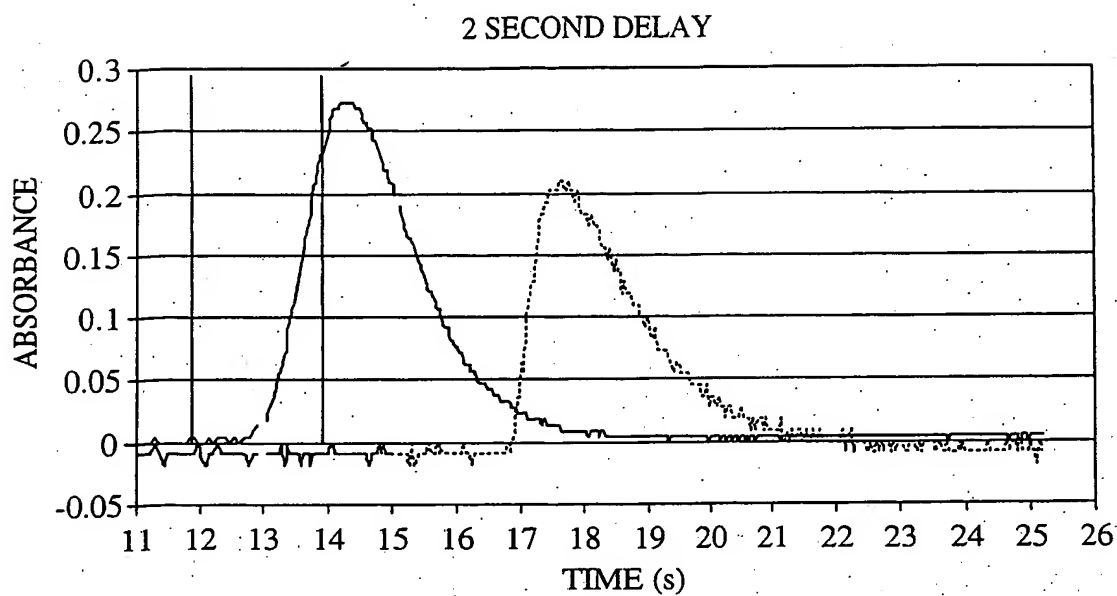


FIG. 22A

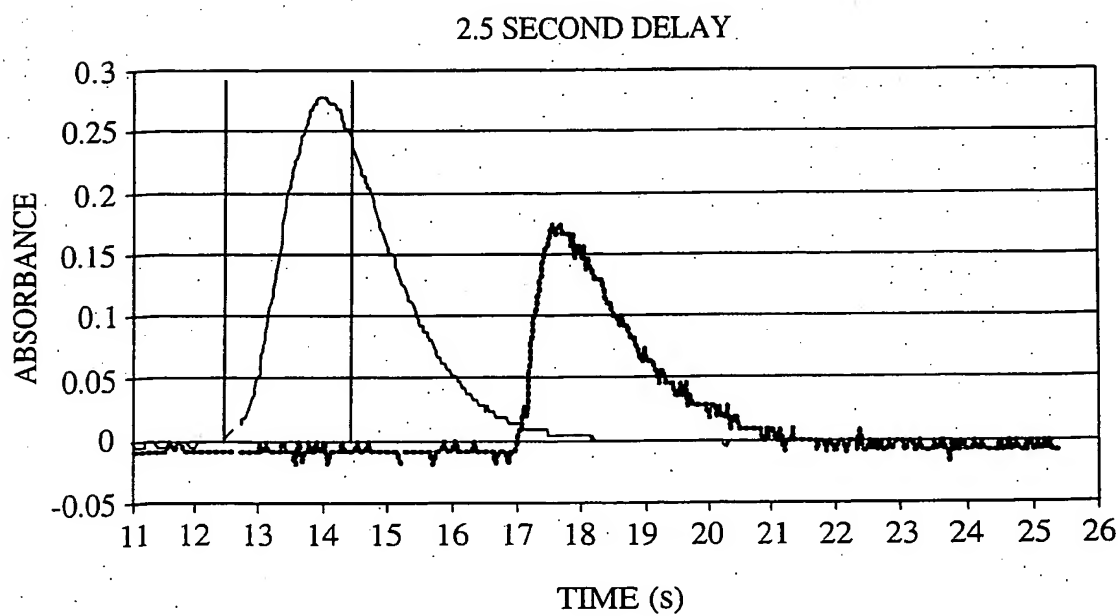


FIG. 22B

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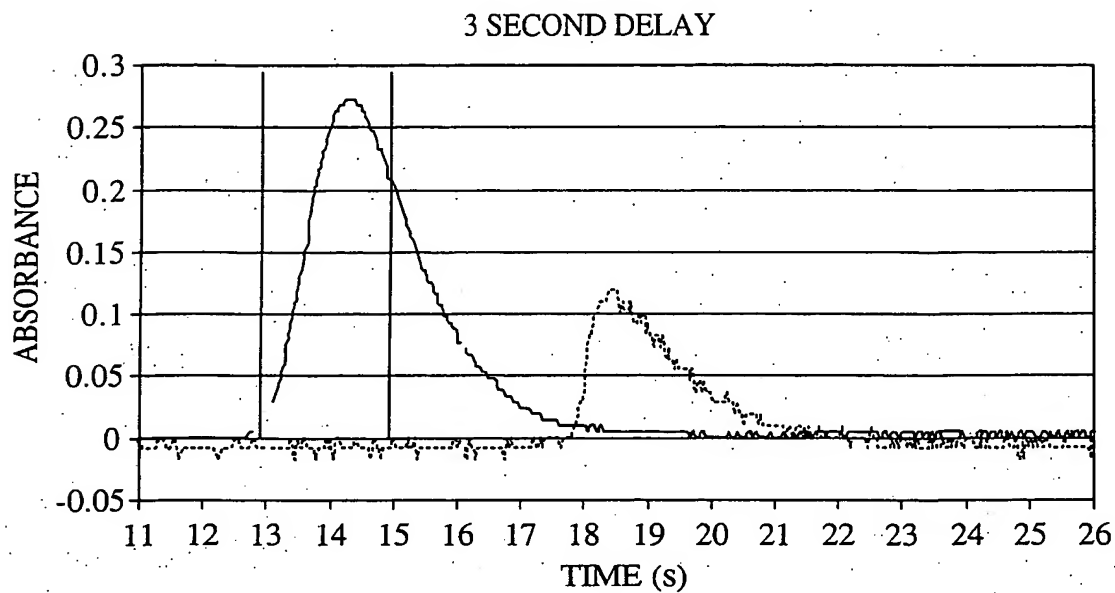


FIG. 22C

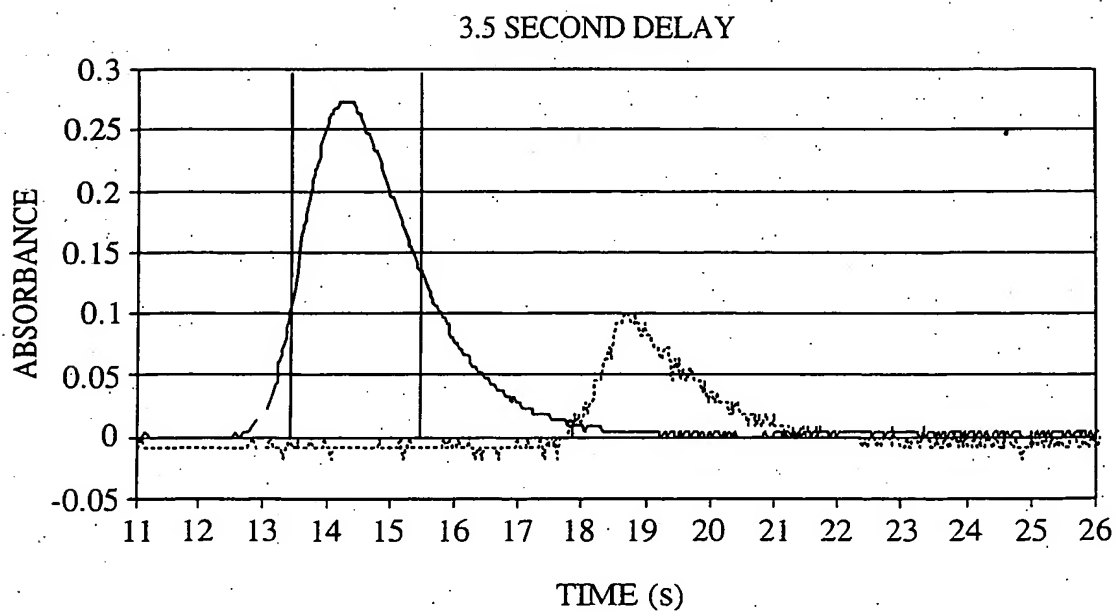


FIG. 22D



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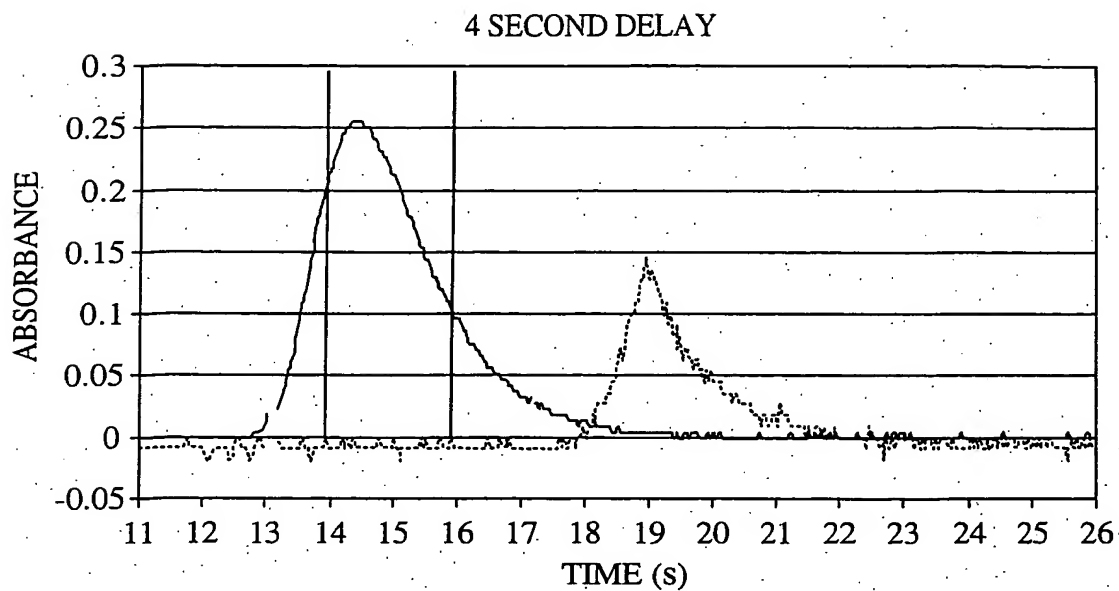


FIG. 22E

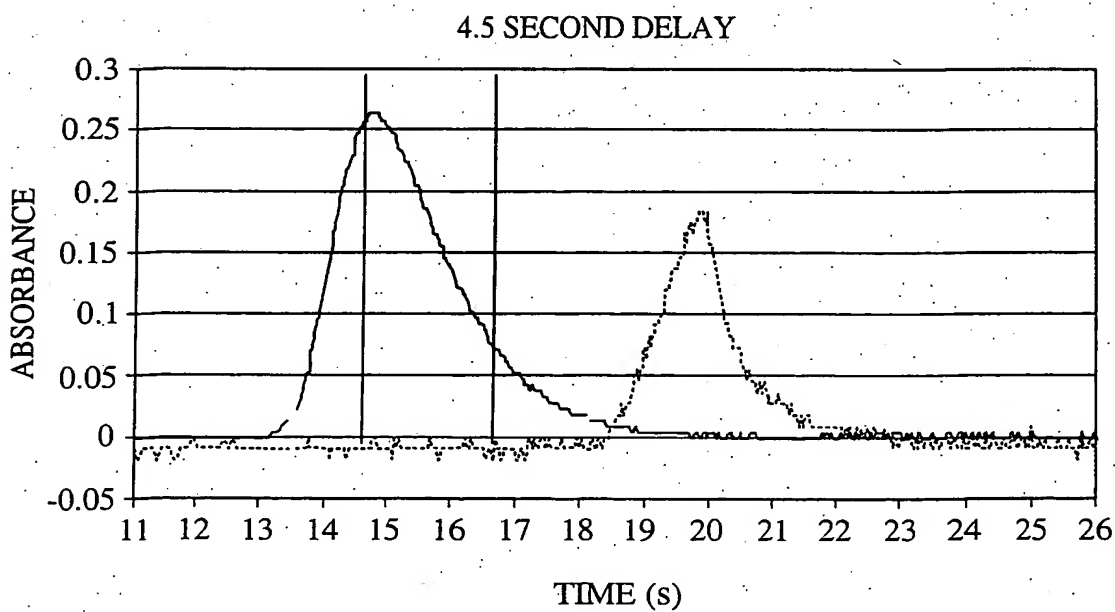


FIG. 22F

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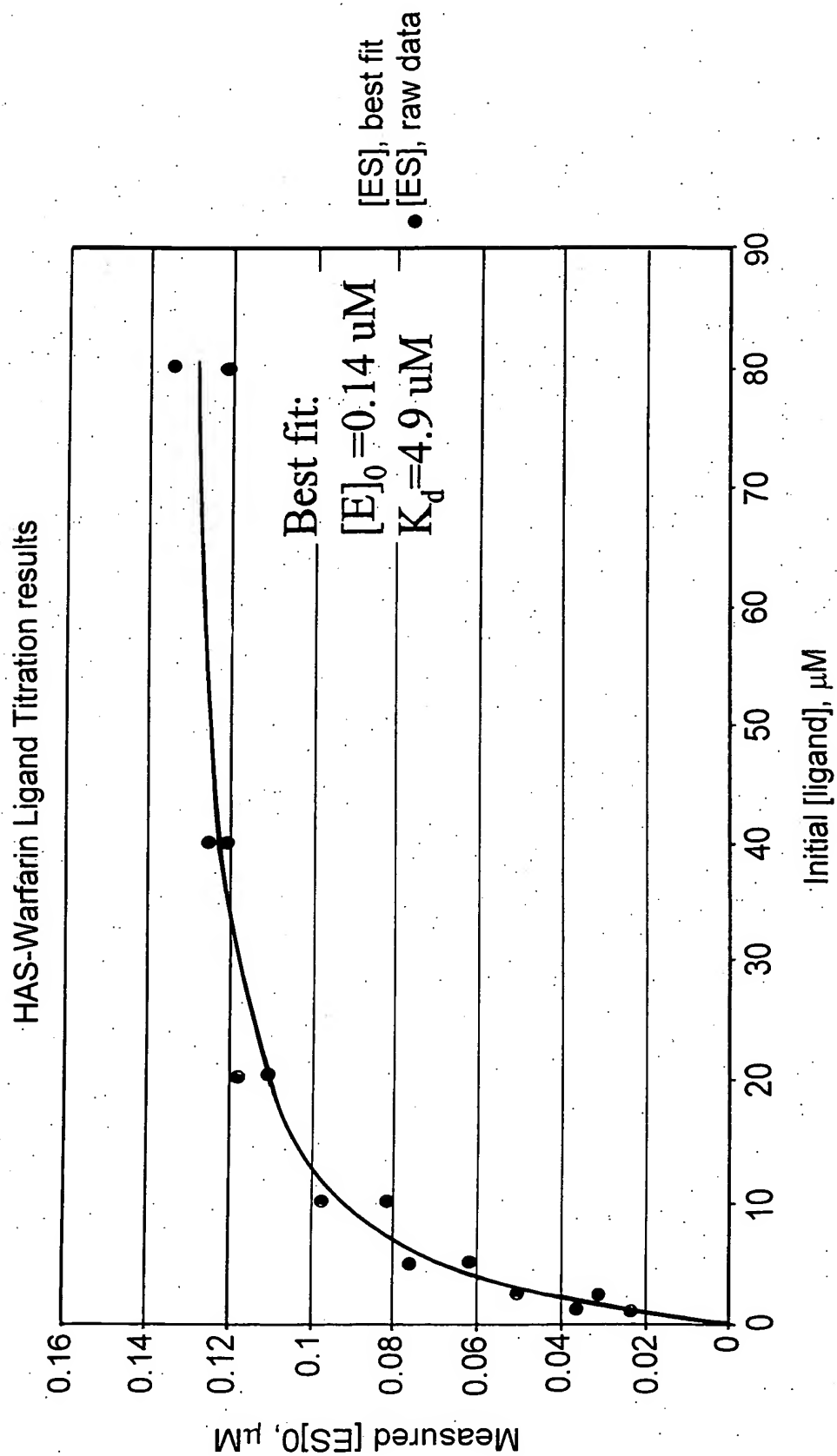


FIG. 23

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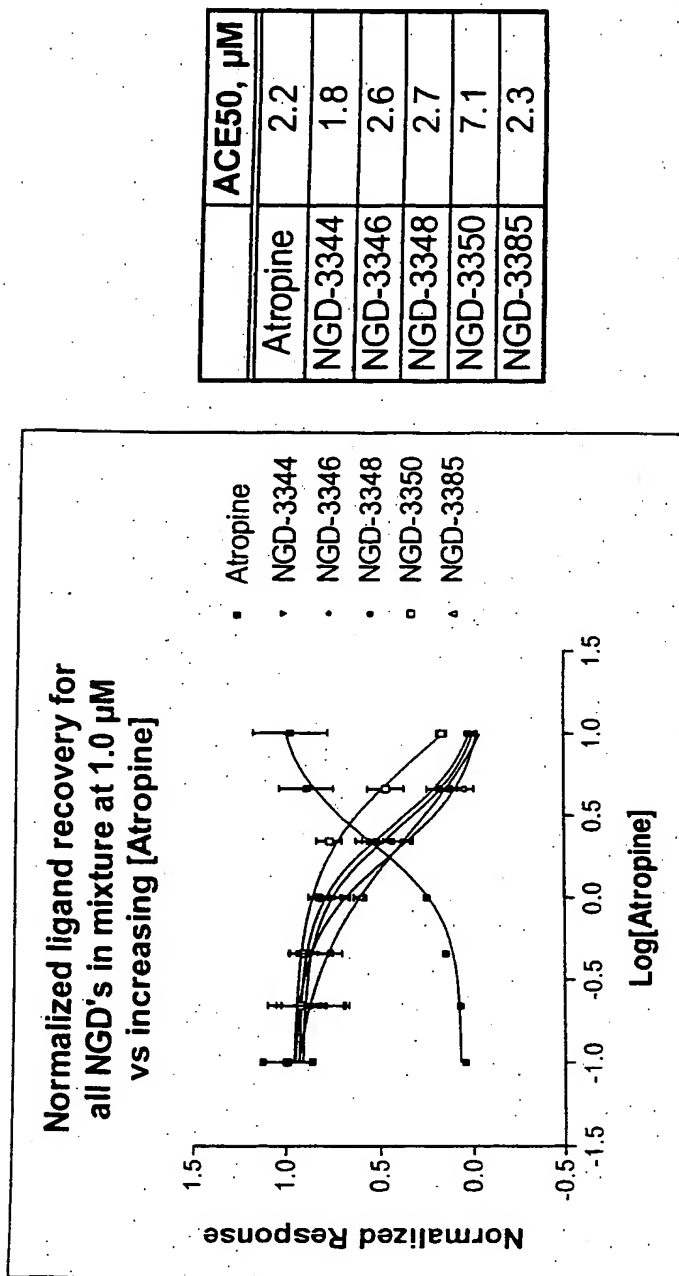


FIG. 24

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- Comparison of NGD-3344 (weak) and NGD-3350 (strong) ligands shown
- $K_d$  of ligands in mixture calculated from  $ACE_{50}$  given  $K_d$  of inhibitor (0.010  $\mu M$ ) & protein concentration = 2.0  $\mu M$

	$ACE_{50}$ , $\mu M$	$K_d$ , $\mu M$
NGD-3344	1.8	0.75
NGD-3346	2.6	0.20
NGD-3348	2.7	0.19
NGD-3350	7.1	0.03
NGD-3385	2.3	0.30

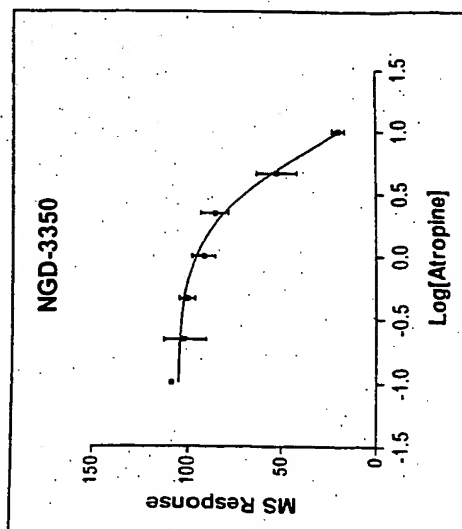
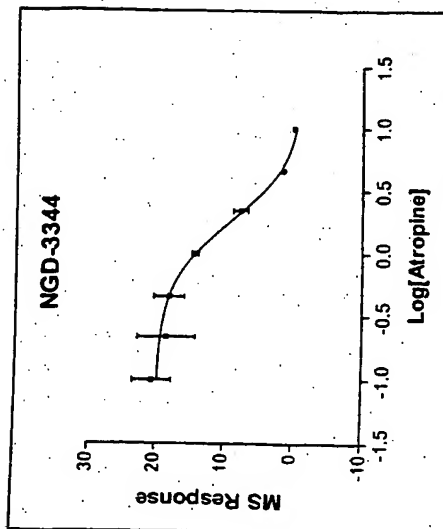
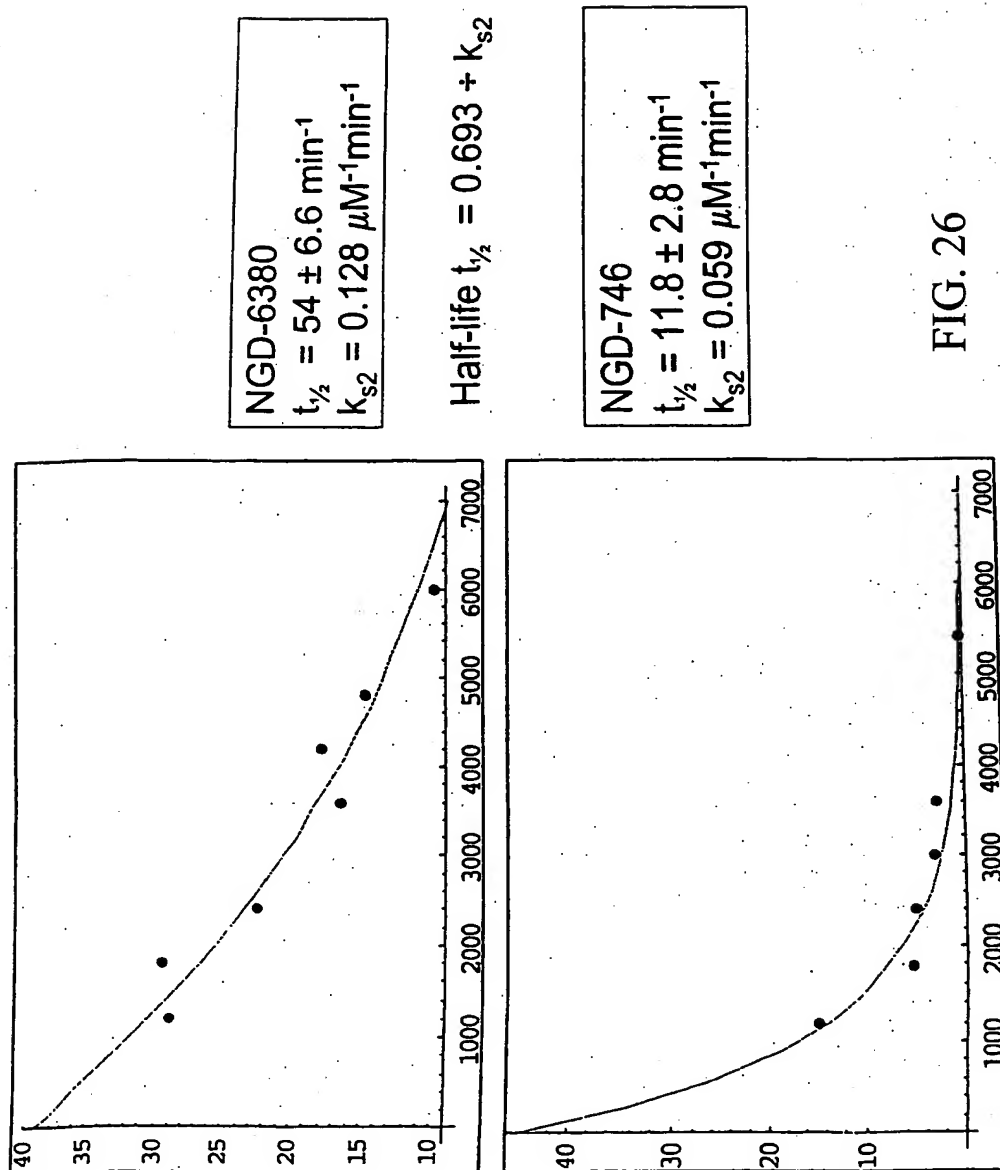


FIG. 25

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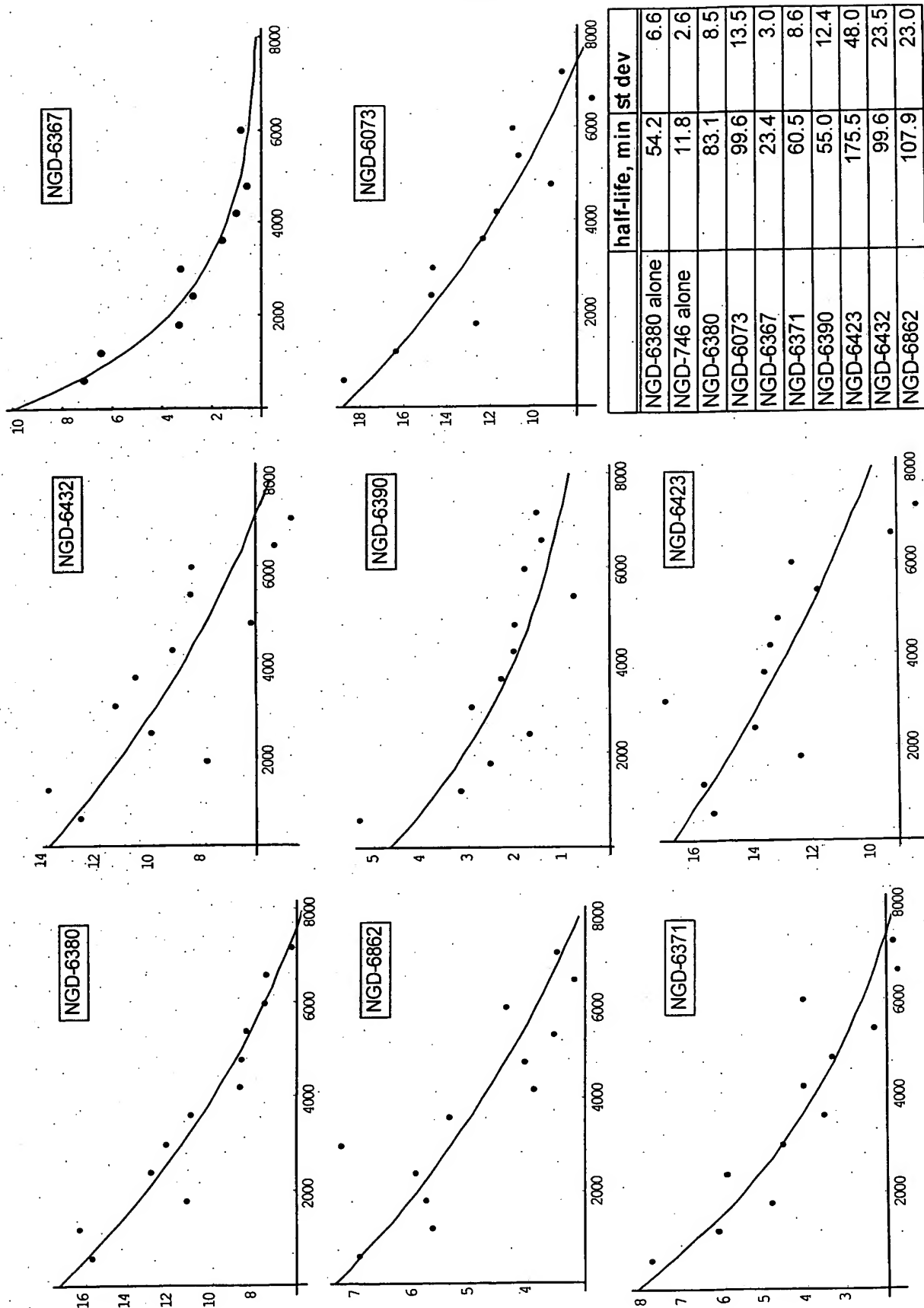
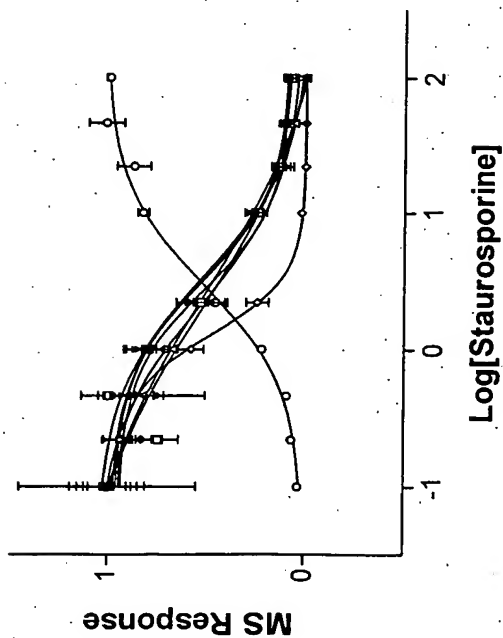


FIG. 27

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Normalized NGD-XXX  
Response



NGD-6380  
NGD-6371  
NGD-6432  
NGD-6390  
NGD-6423  
NGD-6367  
NGD-6073  
NGD-746  
Staurosporine

	ACE50, $\mu$ M	Kd, nM
NGD-6380	3.27	27
NGD-6862	n/d	
NGD-6371	3.03	30
NGD-6432	1.93	53
NGD-6390	3.04	29
NGD-6423	2.69	34
NGD-6367	2.44	39
NGD-6073	1.93	52
NGD-746	0.58	500

FIG. 28